



Manufacturer of Industrial and
Environmental Solutions



EPG Connection

Your Resource for Landfill, Environmental, and Industrial Solutions!

www.epgco.com

1-800-443-7426

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EPG Companies Inc. specializes in the design and manufacture of **landfill leachate pumps & controls, sump drainers, remediation equipment, telemetry hardware and SCADA systems, Odor & Gas Control**, and other environmental and industrial products.



Dear Mike,

We imagine you are like the rest of us. You want to get maximum value when buying a product. Value often refers to a cost savings but its true meaning is not met if we disregard the quality, workmanship, and reliability of that product, none of which matters unless it is the right choice for the job.

When considering the right pump for your project and an environmental pump is what you require, be sure the pump is equipped with an environmental motor and not a standard water well motor. **Learn more below.**

WSDPT
Horizontal Sump Drainer



VSDCPT
Vertical Sump Drainer
with Center Mounted Level Sensor



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EPG attends several events each calendar year. We will update the **schedule** below in each newsletter. Hope to see you at the next event!

As always, EPG welcomes your feedback. If you have any comments or questions, feel free to contact us at info1@epgco.com.

Sincerely,
EPG Companies Inc.
www.epgco.com



**Price subject to change. Options and accessories may cost additional.*

The Difference Between Environmental and Water Well Motors

One of the major differences in a water well motor when compared to an environmental motor is that it has a breather vent at the top of the motor. As the motor heats and cools during normal run cycle, the liquid in the motor expands and contracts. When the motor fluid is heated during the run cycle, pressure builds inside the motor, which on the water well motor, forces some of the fluid out (in the environmental motor, there is a pressure compensation diaphragm). If the motor is submerged in clean water, this is not going to be a problem. If, however, the motor is submerged in contaminated water (leachate), over time the fluid in the motor is replaced with dirty contaminated liquid. This liquid does not transfer heat as well and will begin to corrode the motor from the inside out.

Most often when these motors fail, the customer is informed that the motor has overheated. This is often a correct statement but it is not the customer's operation of the pump or the system design that is at fault. It is misapplying a lower cost motor. A water well motor is several hundred dollars less than an environmental motor and its lifespan is approximately 40% of an appropriately used environmental motor.

Water well motors and environmental motors look the same and are the same physical size. The part number is the only way to tell the difference. There are a few other differences in materials and gaskets, but the main problem is the inevitable fluid exchange and ultimate failure of the motor.



Consult with an Applications Specialist at **1-800-443-7426** or email us at info1@epgco.com for more information about the difference and advantage of correctly using Environmental Motors.

2015 WASTECON® Conference August 24-27, 2015

SWANA's 53rd Annual WASTECON® conference will take place in Orlando, Florida, from August 24-27, 2015.

WASTECON® is the premier solid waste industry-focused conference that brings you the latest news, education, advancements and products to help you achieve success in your business, all in one setting.

You can visit EPG at booth #1019 and ask us about our complete product line including electric and pneumatic pumps, controls, accessories, flares, remediation, and more.



Visit the WASTECON website to learn more.

Upcoming Events

EPG will have representation at the following SWANA and industry related events:



Aug 24-27 **SWANA 2015 WASTECON**
Orlando, FL (EPG Exhibiting)